

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/643,681B
Source: IFW/6
Date Processed by STIC: 4-17-06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/643,681B

CRF Edit Date: 4-17-06
Edited by: ZCE

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: 1 invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFW16

RAW SEQUENCE LISTING

DATE: 04/17/2006

PATENT APPLICATION: US/10/643,681B

TIME: 11:05:28

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04142006\J643681B.raw

3 <110> APPLICANT: Amylin Pharmaceuticals, Inc.
 4 Kolterman, Orville G.
 5 Young, Andrew A.
 6 Rink, Timothy J.
 7 Brown, Kathleen A. K.
 9 <120> TITLE OF INVENTION: Methods for Regulating Postprandial Blood Glucose
 (Amended)
 11 <130> FILE REFERENCE: 254/057CON
 13 <140> CURRENT APPLICATION NUMBER: US 10/643,681B
 14 <141> CURRENT FILING DATE: 2003-08-18
 16 <150> PRIOR APPLICATION NUMBER: US 09/576,062
 17 <151> PRIOR FILING DATE: 2000-05-22
 19 <150> PRIOR APPLICATION NUMBER: US 08/302,069
 20 <151> PRIOR FILING DATE: 1994-09-07
 22 <150> PRIOR APPLICATION NUMBER: US 08/118,381
 23 <151> PRIOR FILING DATE: 1993-09-07
 25 <160> NUMBER OF SEQ ID NOS: 49
 27 <170> SOFTWARE: PatentIn version 3.3
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 37
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Synthetic peptide construct
 37 <400> SEQUENCE: 1
 39 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
 40 1 5 10 15
 42 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
 43 20 25 30
 45 Gly Ser Asn Thr Tyr
 46 35
 49 <210> SEQ ID NO: 2
 50 <211> LENGTH: 24
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Artificial
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: Synthetic peptide construct
 57 <400> SEQUENCE: 2
 59 Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu Gln Thr Tyr Pro Arg
 60 1 5 10 15
 62 Thr Asn Thr Gly Ser Asn Thr Tyr
 63 20
 66 <210> SEQ ID NO: 3
 67 <211> LENGTH: 37

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/643,681B

DATE: 04/17/2006

TIME: 11:05:28

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04142006\J643681B.raw

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68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Synthetic peptide construct
74 <400> SEQUENCE: 3
76 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
77 1          5          10          15
79 Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val
80          20          25          30
82 Gly Ser Asn Thr Tyr
83          35
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 36
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Synthetic peptide construct
94 <400> SEQUENCE: 4
96 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
97 1          5          10          15
99 His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val Gly
100          20          25          30
102 Ser Asn Thr Tyr
103          35
106 <210> SEQ ID NO: 5
107 <211> LENGTH: 37
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Synthetic peptide construct
114 <400> SEQUENCE: 5
116 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
117 1          5          10          15
119 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Pro Ser Thr Asn Val
120          20          25          30
122 Gly Ser Asn Thr Tyr
123          35
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 36
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Synthetic peptide construct
134 <400> SEQUENCE: 6
136 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
137 1          5          10          15
139 His Arg Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
140          20          25          30
142 Ser Asn Thr Tyr

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/643,681B

DATE: 04/17/2006

TIME: 11:05:28

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04142006\J643681B.raw

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143          35
146 <210> SEQ ID NO: 7
147 <211> LENGTH: 37
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Synthetic peptide construct
154 <400> SEQUENCE: 7
156 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
157 1          5          10          15
159 Val His Ser Ser Asn Asn Phe Gly Pro Val Leu Pro Pro Thr Asn Val
160          20          25          30
162 Gly Ser Asn Thr Tyr
163          35
166 <210> SEQ ID NO: 8
167 <211> LENGTH: 37
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic peptide construct
174 <400> SEQUENCE: 8
176 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
177 1          5          10          15
179 Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
180          20          25          30
182 Gly Ser Asn Thr Tyr
183          35
186 <210> SEQ ID NO: 9
187 <211> LENGTH: 36
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Synthetic peptide construct
194 <400> SEQUENCE: 9
196 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
197 1          5          10          15
199 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Ser Asn Val Gly
200          20          25          30
202 Ser Asn Thr Tyr
203          35
206 <210> SEQ ID NO: 10
207 <211> LENGTH: 36
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Synthetic peptide construct
214 <400> SEQUENCE: 10
216 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
217 1          5          10          15

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/643,681B

DATE: 04/17/2006

TIME: 11:05:28

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04142006\J643681B.raw

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219 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Ser Asn Val Gly
220                20                25                30
222 Ser Asn Thr Tyr
223                35
226 <210> SEQ ID NO: 11
227 <211> LENGTH: 37
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Synthetic peptide construct
234 <400> SEQUENCE: 11
236 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
237 1                5                10                15
239 Val His Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val
240                20                25                30
242 Gly Ser Asn Thr Tyr
243                35
246 <210> SEQ ID NO: 12
247 <211> LENGTH: 37
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Synthetic peptide construct
254 <400> SEQUENCE: 12
256 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
257 1                5                10                15
259 Val His Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Ser Thr Asn Val
260                20                25                30
262 Gly Ser Asn Thr Tyr
263                35
266 <210> SEQ ID NO: 13
267 <211> LENGTH: 36
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Synthetic peptide construct
274 <400> SEQUENCE: 13
276 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
277 1                5                10                15
279 His Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Ser Thr Asn Val Gly
280                20                25                30
282 Ser Asn Thr Tyr
283                35
286 <210> SEQ ID NO: 14
287 <211> LENGTH: 37
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Synthetic peptide construct

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/643,681B

DATE: 04/17/2006

TIME: 11:05:28

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04142006\J643681B.raw

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294 <400> SEQUENCE: 14
296 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
297 1 5 10 15
299 Val Arg Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Ser Thr Asn Val
300 20 25 30
302 Gly Ser Asn Thr Tyr
303 35
306 <210> SEQ ID NO: 15
307 <211> LENGTH: 37
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Synthetic peptide construct
314 <400> SEQUENCE: 15
316 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
317 1 5 10 15
319 Val Arg Ser Ser Asn Asn Leu Gly Pro Ile Leu Pro Pro Thr Asn Val
320 20 25 30
322 Gly Ser Asn Thr Tyr
323 35
326 <210> SEQ ID NO: 16
327 <211> LENGTH: 37
328 <212> TYPE: PRT
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Synthetic peptide construct
334 <400> SEQUENCE: 16
336 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
337 1 5 10 15
339 Val Arg Ser Ser Asn Asn Leu Gly Pro Ile Leu Pro Ser Thr Asn Val
340 20 25 30
343 Gly Ser Asn Thr Tyr
344 35
347 <210> SEQ ID NO: 17
348 <211> LENGTH: 37
349 <212> TYPE: PRT
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Synthetic peptide construct
355 <400> SEQUENCE: 17
357 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
358 1 5 10 15
360 Ile His Ser Ser Asn Asn Leu Gly Pro Ile Leu Pro Pro Thr Asn Val
361 20 25 30
363 Gly Ser Asn Thr Tyr
364 35
367 <210> SEQ ID NO: 18
368 <211> LENGTH: 37
369 <212> TYPE: PRT

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/643,681B

DATE: 04/17/2006
TIME: 11:05:29

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\04142006\J643681B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>

to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:31; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,28,29,31
Seq#:40; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,29,31
Seq#:41; Xaa Pos. 2,7
Seq#:42; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,28,31
Seq#:43; Xaa Pos. 2,7
Seq#:44; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,31
Seq#:45; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,31
Seq#:46; Xaa Pos. 2,7
Seq#:47; Xaa Pos. 2,7
Seq#:48; Xaa Pos. 2,7
Seq#:49; Xaa Pos. 2,7

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2

VERIFICATION SUMMARY

DATE: 04/17/2006

PATENT APPLICATION: US/10/643,681B

TIME: 11:05:29

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04142006\J643681B.raw

L:718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:1154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:1344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
M:341 Repeated in SeqNo=45
L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:1488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0

**Raw Sequence Listing before editing,
for reference only**



IFW16

RAW SEQUENCE LISTING

DATE: 04/13/2006

PATENT APPLICATION: US/10/643,681B

TIME: 15:02:19

Input Set : A:\254057CON.ST25.txt

Output Set: N:\CRF4\04132006\J643681B.raw

3 <110> APPLICANT: Amylin Pharmaceuticals, Inc.
 4 Kolterman, Orville G.
 5 Young, Andrew A.
 6 Rink, Timothy J.
 7 Brown, Kathleen A. K.
 9 <120> TITLE OF INVENTION: Methods for Regulating Postprandial Blood Glucose (Amended)
 11 <130> FILE REFERENCE: 254/057CON
 13 <140> CURRENT APPLICATION NUMBER: US 10/643,681B
 14 <141> CURRENT FILING DATE: 2003-08-18
 16 <150> PRIOR APPLICATION NUMBER: US 09/576,062
 17 <151> PRIOR FILING DATE: 2000-05-22
 19 <150> PRIOR APPLICATION NUMBER: US 08/302,069
 20 <151> PRIOR FILING DATE: 1994-09-07
 22 <150> PRIOR APPLICATION NUMBER: US 08/118,381
 23 <151> PRIOR FILING DATE: 1993-09-07
 25 <160> NUMBER OF SEQ ID NOS: 49
 27 <170> SOFTWARE: PatentIn version 3.3

Does Not Comply
Corrected Diskette Needed

(Pg. 2)

ERRORED SEQUENCES

1462 <210> SEQ ID NO: 49
 1463 <211> LENGTH: 37
 1464 <212> TYPE: PRT
 1465 <213> ORGANISM: Artificial Sequence
 1467 <220> FEATURE:
 1468 <223> OTHER INFORMATION: Synthetic peptide construct
 1470 <220> FEATURE:
 1471 <221> NAME/KEY: MISC_FEATURE
 1472 <222> LOCATION: (2)
 1473 <223> OTHER INFORMATION: Variable amino acid
 1475 <220> FEATURE:
 1476 <221> NAME/KEY: MISC_FEATURE
 1477 <222> LOCATION: (7)
 1478 <223> OTHER INFORMATION: Variable amino acid
 1480 <220> FEATURE:
 1481 <221> NAME/KEY: MISC_FEATURE
 1482 <223> OTHER INFORMATION: residues 2 and 7 are independently selected residues having
 side
 1483 chains which are chemically bonded to each other to form an
 1484 intramolecular linkage
 1486 <400> SEQUENCE: 49
 W--> 1488 Lys Xaa Asn Thr Ala Thr Xaa Ala Thr Gln Arg Leu Thr Asn Phe Leu
 1489 1 5 10 15

RAW SEQUENCE LISTING

DATE: 04/13/2006

PATENT APPLICATION: US/10/643,681B

TIME: 15:02:19

Input Set : A:\254057CON.ST25.txt

Output Set: N:\CRF4\04132006\J643681B.raw

1491 Val Arg Ser Ser His Asn Leu Gly Ala Ala Leu Leu Pro Thr Asp Val

1492 20 25 30

1494 Gly Ser Asn Thr Tyr

1495 35

E--> 1497

1

deleted

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/13/2006
PATENT APPLICATION: US/10/643,681B TIME: 15:02:20

Input Set : A:\254057CON.ST25.txt
Output Set: N:\CRF4\04132006\J643681B.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2

VERIFICATION SUMMARY

DATE: 04/13/2006

PATENT APPLICATION: US/10/643,681B

TIME: 15:02:20

Input Set : A:\254057CON.ST25.txt

Output Set: N:\CRF4\04132006\J643681B.raw

L:718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:1154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:1344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
M:341 Repeated in SeqNo=45
L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:1488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:1497 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:49